

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091719AL\  
 Data File : FD030720.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Sep 2019 10:58  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Sep 18 03:35:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 090319.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 04 04:22:49 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.486 | 2841068    | 19.533 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.07%        |
| 12) S 1-chlorooctadecane (S... | 12.913 | 2126646    | 19.472 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.94%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.302  | 2615732    | 20.956 ug/ml  |
| 2) T n-Decane (C10)            | 4.360  | 2660357    | 21.263 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.935  | 2963086    | 21.130 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.366  | 2698686    | 21.331 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.985  | 3002616    | 21.186 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.150  | 2683707    | 21.088 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.741  | 2658294    | 20.826 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.173 | 2621195    | 20.447 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.472 | 2540220    | 19.933 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.080 | 2512474    | 19.640 ug/ml  |
| 13) T n-Docosane (C22)         | 13.662 | 2475831    | 19.438 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.757 | 2426814    | 19.111 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.770 | 2374190    | 19.087 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.712 | 2332145    | 19.128 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.593 | 2309157    | 19.422 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.418 | 2255003    | 19.667 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.195 | 2220327    | 20.451 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.928 | 2174890    | 21.187 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.635 | 2076227    | 21.397 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.483 | 2140308    | 20.873 ug/ml  |
| -----                          |        |            |               |

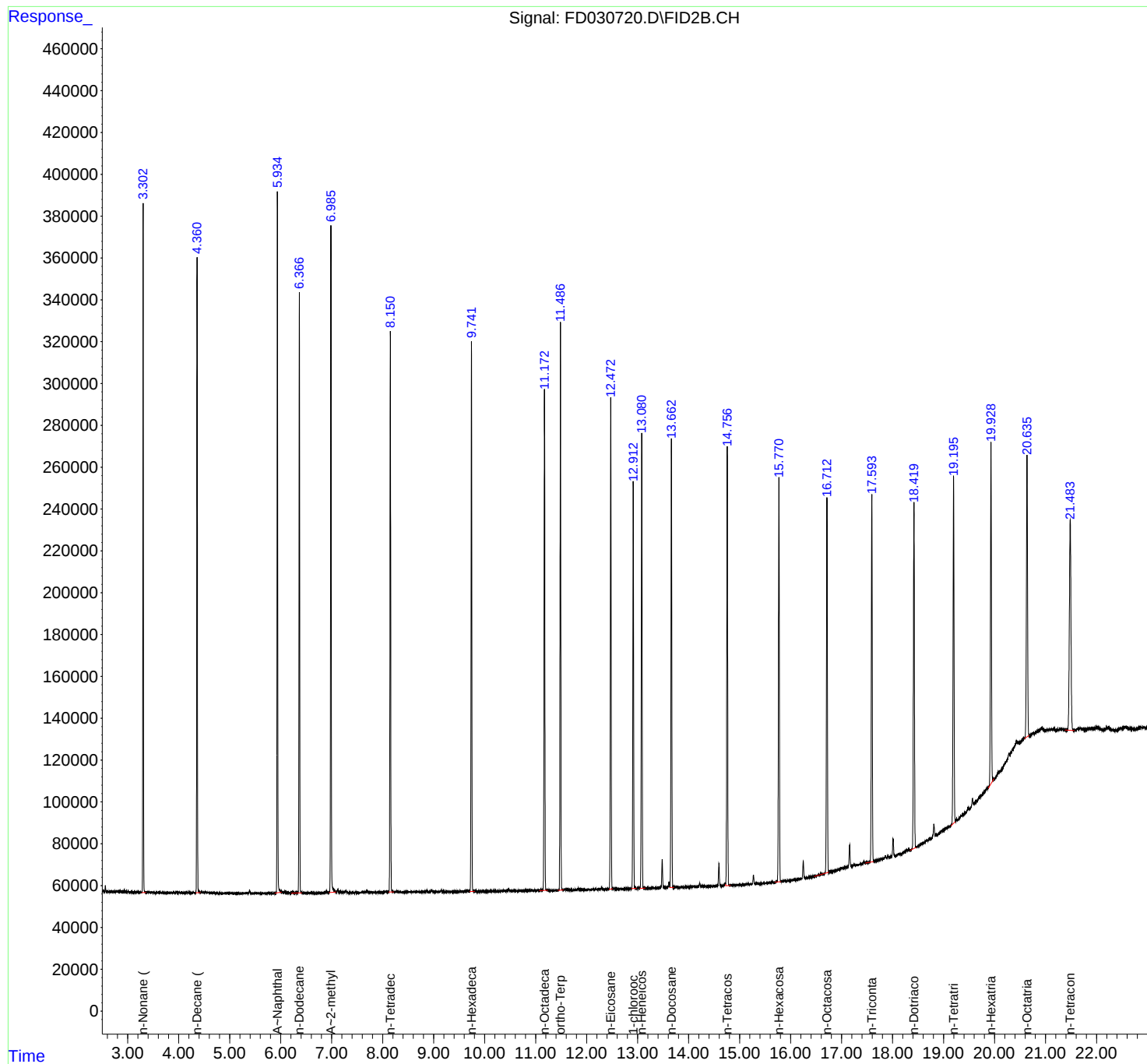
(f)=RT Delta > 1/2 Window

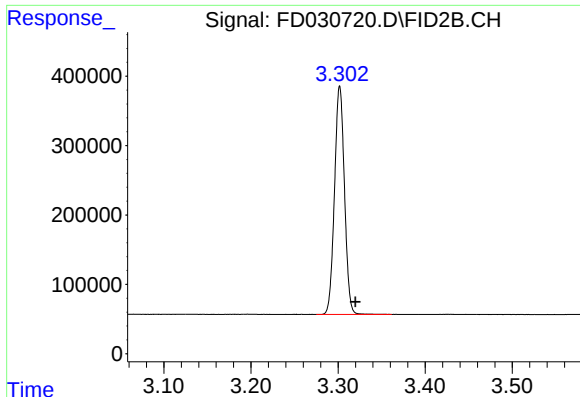
(m)=manual int.

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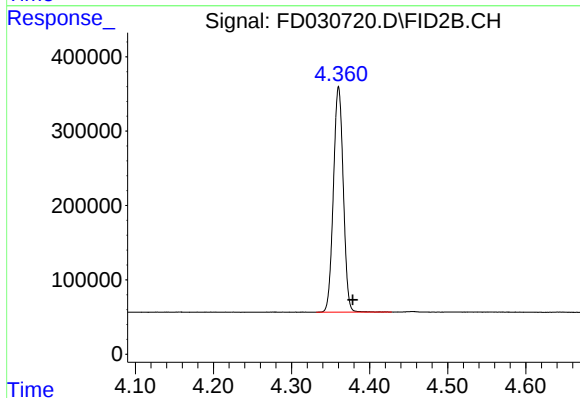
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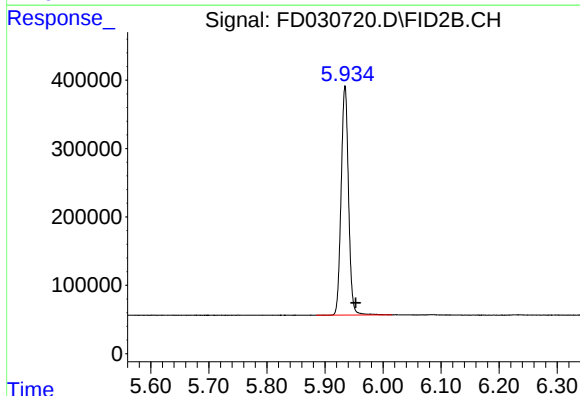
#1 n-Nonane (C9)

R.T.: 3.302 min  
Delta R.T.: -0.018 min  
Response: 2615732  
Conc: 20.96 ug/ml



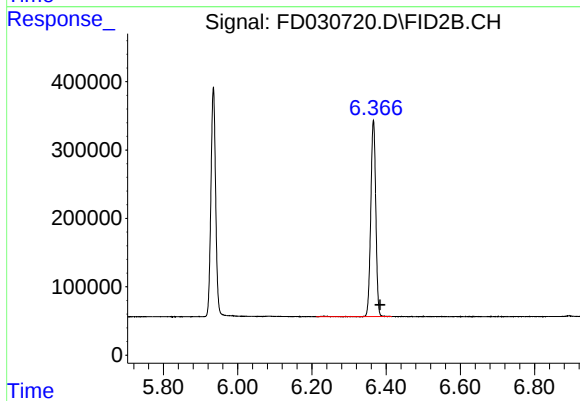
#2 n-Decane (C10)

R.T.: 4.360 min  
Delta R.T.: -0.018 min  
Response: 2660357  
Conc: 21.26 ug/ml



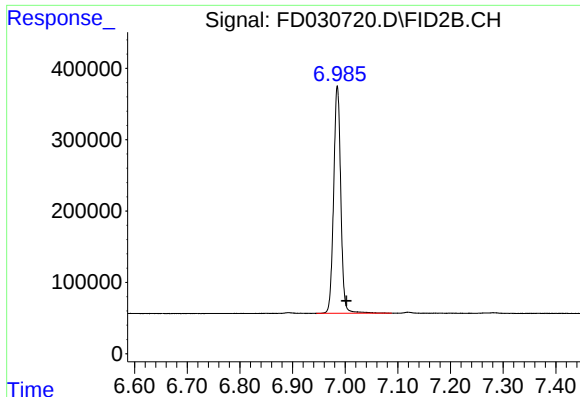
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min  
Delta R.T.: -0.019 min  
Response: 2963086  
Conc: 21.13 ug/ml



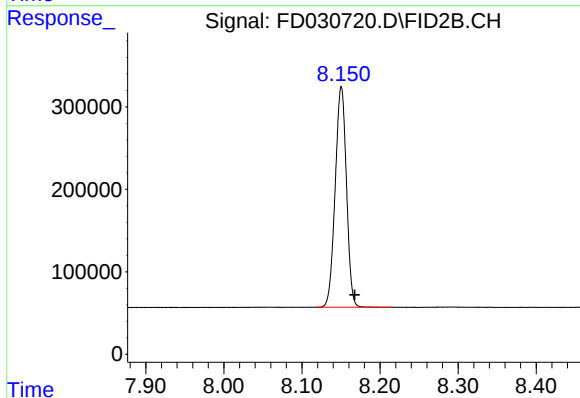
#4 n-Dodecane (C12)

R.T.: 6.366 min  
Delta R.T.: -0.018 min  
Response: 2698686  
Conc: 21.33 ug/ml



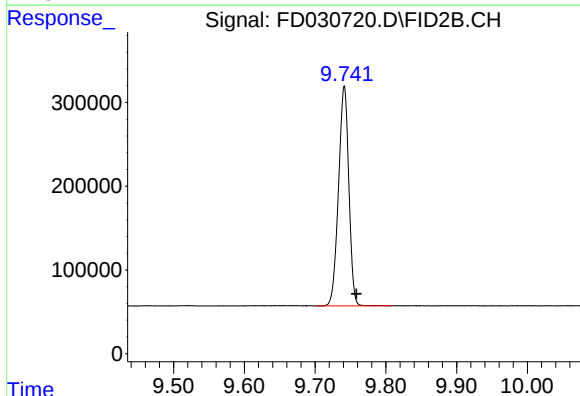
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.985 min  
Delta R.T.: -0.017 min  
Response: 3002616  
Conc: 21.19 ug/ml



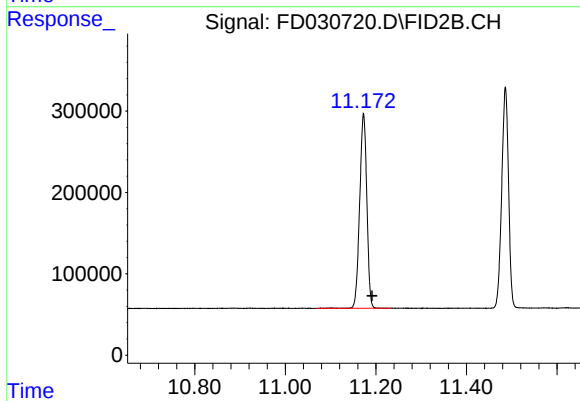
#6 n-Tetradecane (C14)

R.T.: 8.150 min  
Delta R.T.: -0.017 min  
Response: 2683707  
Conc: 21.09 ug/ml



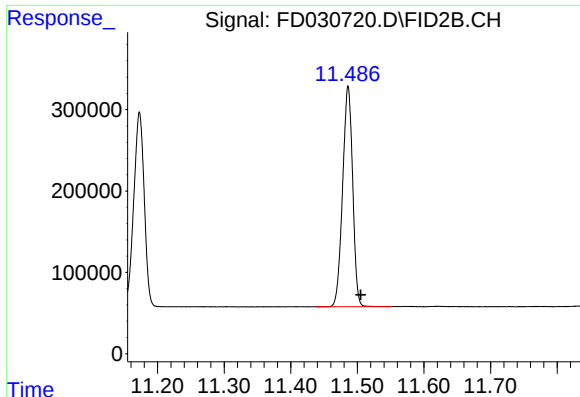
#7 n-Hexadecane (C16)

R.T.: 9.741 min  
Delta R.T.: -0.017 min  
Response: 2658294  
Conc: 20.83 ug/ml



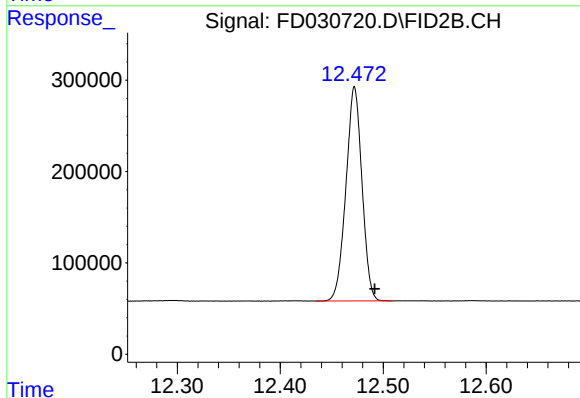
#8 n-Octadecane (C18)

R.T.: 11.173 min  
Delta R.T.: -0.018 min  
Response: 2621195  
Conc: 20.45 ug/ml



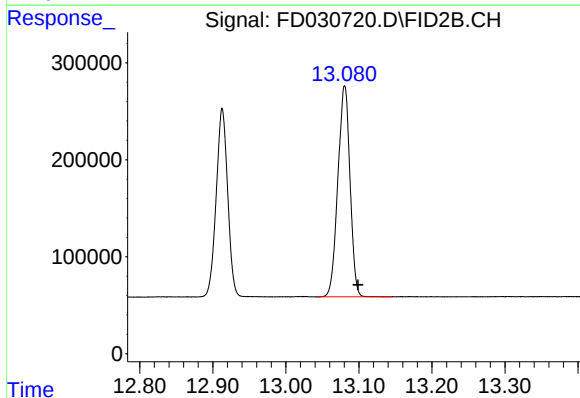
#9 ortho-Terphenyl (SURR)

R.T.: 11.486 min  
Delta R.T.: -0.019 min  
Response: 2841068  
Conc: 19.53 ug/ml



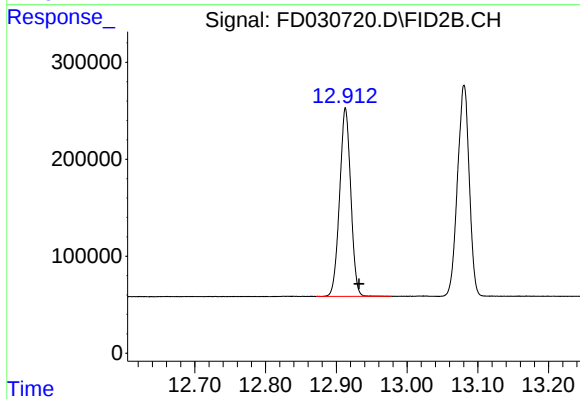
#10 n-Eicosane (C20)

R.T.: 12.472 min  
Delta R.T.: -0.020 min  
Response: 2540220  
Conc: 19.93 ug/ml



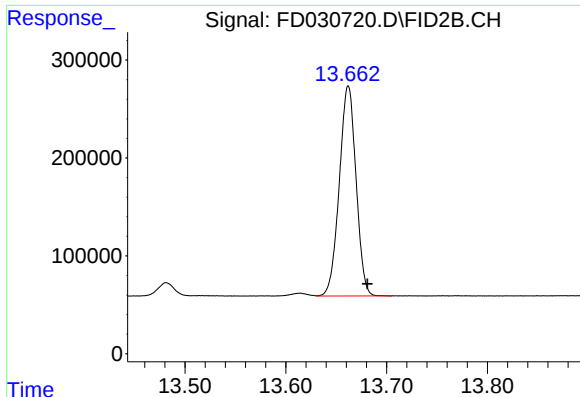
#11 n-Heneicosane (C21)

R.T.: 13.080 min  
Delta R.T.: -0.019 min  
Response: 2512474  
Conc: 19.64 ug/ml



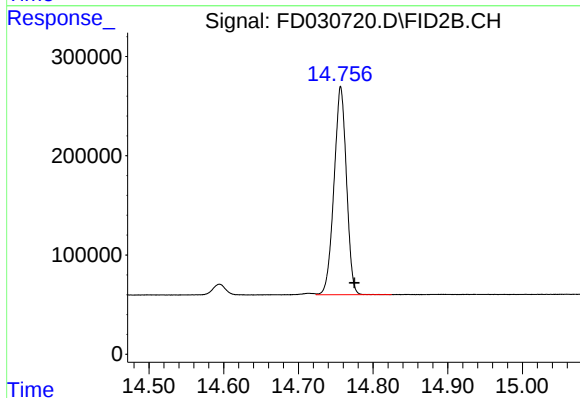
#12 1-chlorooctadecane (SURR)

R.T.: 12.913 min  
Delta R.T.: -0.019 min  
Response: 2126646  
Conc: 19.47 ug/ml



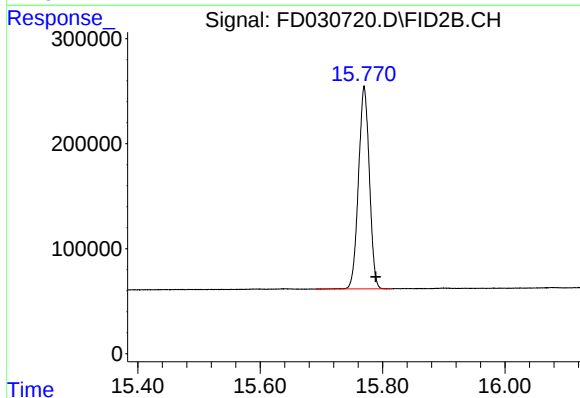
#13 n-Docosane (C22)

R.T.: 13.662 min  
Delta R.T.: -0.019 min  
Response: 2475831  
Conc: 19.44 ug/ml



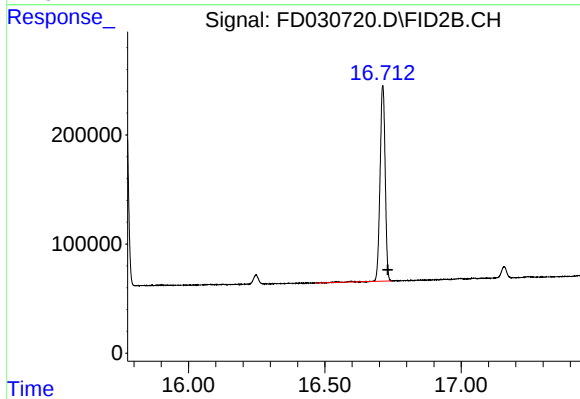
#14 n-Tetracosane (C24)

R.T.: 14.757 min  
Delta R.T.: -0.018 min  
Response: 2426814  
Conc: 19.11 ug/ml



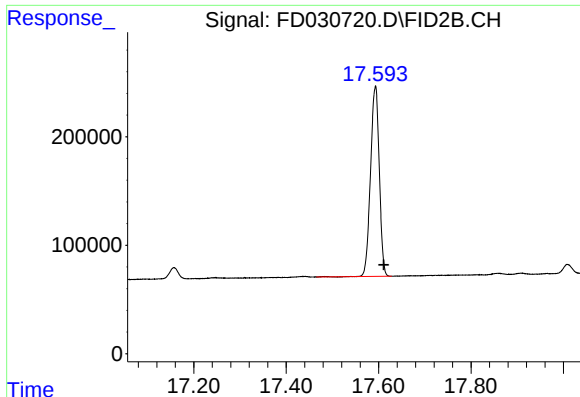
#15 n-Hexacosane (C26)

R.T.: 15.770 min  
Delta R.T.: -0.018 min  
Response: 2374190  
Conc: 19.09 ug/ml



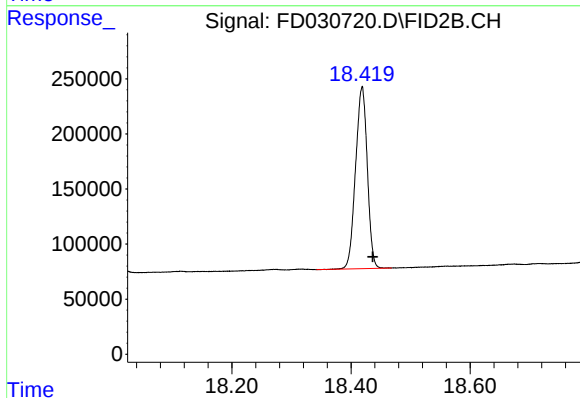
#16 n-Octacosane (C28)

R.T.: 16.712 min  
Delta R.T.: -0.018 min  
Response: 2332145  
Conc: 19.13 ug/ml



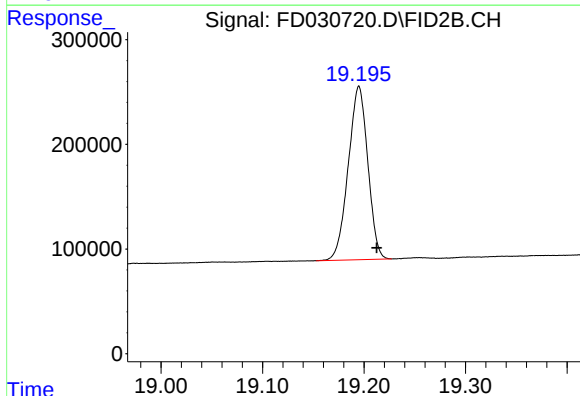
#17 n-Tricontane (C30)

R.T.: 17.593 min  
Delta R.T.: -0.018 min  
Response: 2309157  
Conc: 19.42 ug/ml



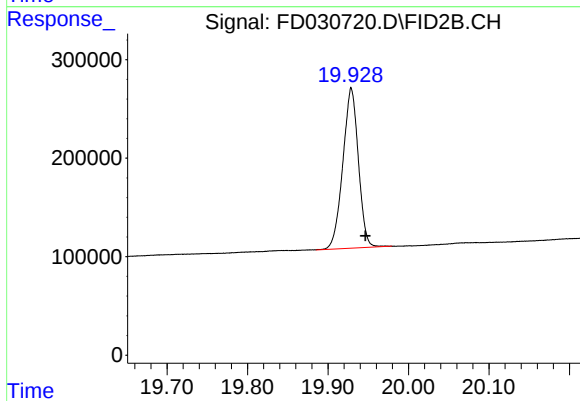
#18 n-Dotriacontane (C32)

R.T.: 18.418 min  
Delta R.T.: -0.018 min  
Response: 2255003  
Conc: 19.67 ug/ml



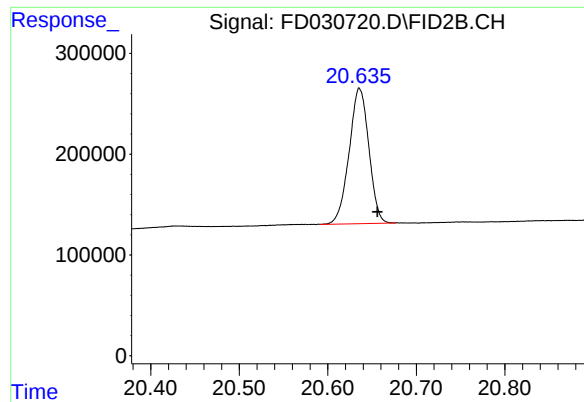
#19 n-Tetratriacontane (C34)

R.T.: 19.195 min  
Delta R.T.: -0.018 min  
Response: 2220327  
Conc: 20.45 ug/ml m



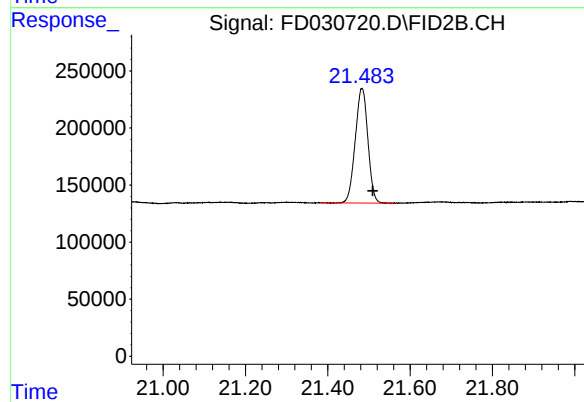
#20 n-Hexatriacontane (C36)

R.T.: 19.928 min  
Delta R.T.: -0.019 min  
Response: 2174890  
Conc: 21.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.635 min  
Delta R.T.: -0.021 min  
Response: 2076227  
Conc: 21.40 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.483 min  
Delta R.T.: -0.026 min  
Response: 2140308  
Conc: 20.87 ug/ml